

AMENDMENTS TO THE CLAIMS

Listing of the claims:

Following is a listing of all claims in the present application, which listing supersedes all previously presented claims:

Claims 1 to 101: (Canceled).

Claim 102 (Currently Amended): An electrode assembly configured to create a flow of air comprising:

- a. a first electrode;
- b. a second electrode located downstream from the first electrode, the
- c. a trailing electrode located at least partially downstream from the second electrode, the trailing electrode operating at the same polarity as the second electrode and being configured to cause a generation of ions; and
- d. a voltage generator operatively coupled to the first electrode, the second electrode and the trailing electrode.

Claim 103 (Canceled)

Claim 104 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode is configured to collect charged particles in the air.

Claim 105 (Previously Presented): The electrode assembly of claim 102 wherein the trailing electrode is configured to assist in a collection of charged particles in the air.

Claim 106 (Previously Presented): The electrode assembly of claim 102 wherein the trailing electrode is configured to assist in a neutralization of oppositely charged particles in the air.

Claim 107 (Previously Presented): The electrode assembly of claim 102 wherein the trailing electrode is configured to emit negative ions.

Claim 108 (Previously Presented): The electrode assembly of claim 102 wherein the trailing electrode and the second electrode are each configured to emit negative ions.

Claim 109 (Previously Presented): The electrode assembly of claim 102 wherein at least one end of the trailing electrode has a pointed portion.

Claim 110 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode is adapted to be removably coupled to a housing of an electro-kinetic air transporter conditioner.

Claim 111 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode is adapted to be removably coupled to a housing of an electro-kinetic air transporter conditioner for cleaning purposes.

Claim 112 (Previously Presented): The electrode assembly of claim 110 wherein the second electrode is attached to a handle, wherein the handle allows a user to remove the second electrode from the housing of the electro-kinetic air transporter conditioner.

Claim 113 (Previously Presented): The air treatment apparatus of claim 154 wherein the second electrode has a particle collector.

Claim 114 (Previously Presented): The air treatment apparatus of claim 154 wherein the trailing electrode has a particle collector.

Claim 115 (Previously Presented): The air treatment apparatus of claim 113 wherein the second electrode assembly is removable through a top surface of the housing.

Claim 116 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode further comprises an elongated fin having a first end and a second end configured vertically opposite of the first end.

Claim 117 (Previously Presented): The electrode assembly of claim 116 wherein the trailing electrode is positioned proximal to the first end of the second electrode.

Claim 118 (Previously Presented): The electrode assembly of claim 102 wherein the voltage generator is located within an elongated housing of an electro-kinetic air transporter conditioner.

Claim 119 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode further comprises a plurality of elongated plates each having a first end and a second end configured vertically opposite of the first end, wherein the elongated plates are configured parallel to each other.

Claim 120 (Previously Presented): The electrode assembly of claim 119 wherein the trailing electrode is positioned proximal to the first end of the second electrode.

Claim 121 (Previously Presented): The electrode assembly of claim 102 wherein the second electrode further comprises three elongated plates each having a first end and a second end configured vertically opposite of the first end, wherein the elongated plates are configured parallel to each other.

Claim 122 (Previously Presented): The electrode assembly of claim 102 wherein the first electrode emits positive ions and the second electrode emits negative ions.

Claim 123 (Previously Presented): The electrode assembly of claim 122 wherein the trailing electrode emits negative ions.

Claim 124 (Previously Presented): The electrode assembly of claim 102 wherein the first electrode charges particulates in the air and the second electrode collects the charged particulates flowing from the first electrode.

Claim 125 (Previously Presented): The electrode assembly of claim 102 wherein the trailing electrode has at least one pointed surface, the at least one pointed surface of the trailing electrode being configured to face downstream.

Claim 126 (Previously Presented): The electrode assembly of claim 102 wherein at least one pointed downstream flow of air.

Claims 127 to 153 (Canceled).

Claim 154 (Previously Presented): An air treatment apparatus having an ion generator, the air treatment apparatus comprising:

- a. a first electrode assembly;
- b. a second electrode assembly downstream of the first electrode assembly;
- c. a trailing electrode at least partially downstream of the second electrode assembly, the trailing electrode being configured to cause a generation of ions; and
- d. a voltage generator electrically coupled to the second electrode

assembly and the trailing electrode, wherein the second electrode assembly and the trailing electrode are charged at a same potential.

Claims 155 to 157: (Canceled).

Claim 158 (Previously Presented): The air treatment apparatus of claim 171 wherein the second electrode assembly is configured to collect charged particles in the air.

Claim 159 (Previously Presented): The air treatment apparatus of claim 171 wherein the trailing electrode is configured to collect charged particles in the air.

Claim 160 (Previously Presented): The air treatment apparatus of claim 171 wherein the trailing electrode is configured to neutralize oppositely charged particles in the air.

Claim 161 (Previously Presented): The air treatment apparatus of claim 171 wherein the trailing electrode is configured to emits negative ions.

Claim 162 (Previously Presented): The air treatment apparatus of claim 171 wherein the trailing electrode is configured to emit and the second electrode emit negative ions.

Claim 163 (Previously Presented): The air treatment apparatus claim 171 wherein the second electrode assembly is removable through a top surface of a housing.

Claim 164 (Previously Presented): The air treatment apparatus of claim 171 wherein the first electrode assembly emits positive ions and the second electrode assembly emits negative ions.

Claim 165 (Previously Presented): The air treatment apparatus of claim 164 wherein the trailing electrode is configured to emit negative ions.

Claim 166 (Canceled).

Claim 167 (Currently Amended): The air treatment apparatus of claim 171 wherein the trailing [[third]] electrode has a pointed end, the pointed end of the trailing electrode being configured to face the downstream direction.

Claim 168 (Previously Presented): The air treatment apparatus of claim 171 wherein the trailing electrode has a pointed end, the pointed end of the trailing electrode being configured to face in a direction substantially perpendicular to the downstream direction.

Claim 169 (Currently Amended): A method of manufacturing an air treatment apparatus, the method comprising:

- a. providing a housing;
- b. configuring a first electrode in the housing;
- c. configuring a second electrode in the housing downstream from the first

- electrode;
- d. configuring a trailing electrode in the housing at least partially downstream from the second electrode, wherein so that the trailing electrode has the same polarity as the second electrode and is operable to cause a generation of ions; and
 - e. coupling a voltage generator electrically to the first electrode, the second electrode and the trailing electrode.

Claim 170 (Canceled).

Claim 171 (Previously Presented): An air treatment apparatus comprising:

- a. first electrode assembly;
- b. a second electrode assembly downstream of the first electrode assembly;
- c. a trailing electrode at least partially downstream of the second electrode assembly, the trailing electrode being configured to cause a generation of ions; and
- d. a voltage generator electrically coupled to the second electrode assembly and the trailing electrode, wherein the second electrode assembly and the trailing electrode are charged at a substantially identical potential.

Claim 172 (Previously Presented): The air treatment apparatus of claim 154 wherein the first electrode assembly further comprises a plurality of wire-like electrodes.

Claim 173 (Previously Presented): The air treatment apparatus of claim 154 wherein the second electrode assembly further comprises a plurality of plates parallel to one another.

Claim 174 (Previously Presented) The air treatment apparatus of claim 171 wherein the first electrode assembly further comprises a plurality of wire-like electrodes.

Claim 175 (Previously Presented) The air treatment apparatus of claim 171 wherein the second electrode assembly further comprises a plurality of plates parallel to one another.